

REVIEW DRAFT

**MEMORANDUM OF AGREEMENT
BETWEEN
THE DEPARTMENT OF TOXIC SUBSTANCES CONTROL
AND
THE STATE WATER RESOURCES CONTROL BOARD
AND
REGIONAL WATER QUALITY CONTROL BOARDS
FOR THE
OVERSIGHT OF INVESTIGATION AND CLEANUP ACTIVITIES
AT BROWNFIELD SITES**

[DATE]

The purpose of this Memorandum of Agreement (MOA) is to improve coordination between the Department of Toxic Substances Control (DTSC), the State Water Resources Control Board (State Board) and the Regional Water Quality Control Boards (Regional Boards) (collectively “the parties”) regarding the oversight of cleanup activities at brownfield sites. This MOA has been developed to ensure effective and expeditious cleanup of brownfield sites in a manner that is protective of both public health and safety and the environment.

**DTSC, THE STATE BOARD AND THE REGIONAL BOARDS AGREE
TO THE FOLLOWING:**

I. Scope

This MOA applies to sites generally defined as “brownfield sites.” The federal Small Business Liability Relief and Brownfields Revitalization Act (federal Brownfields Act) defines brownfield sites as “real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.” Generally, brownfield sites are those contaminated and potentially contaminated sites where some type of development or redevelopment is planned. The MOA generally applies to those brownfield sites that are overseen by DTSC under its Voluntary Cleanup Program and the Regional Boards under their Spills, Leaks, Investigation and Cleanup Program.

The MOA does not apply to sites in the following programs where a statute designates a lead or oversight agency, where the statute authorizes actions by DTSC or a regional board, but not both, where a lead or oversight agency has been designated through a process defined or provided in statute, or where a lead or oversight agency has been designated or specified as a result of statutory direction or separate agreement between DTSC, the State Board and the Regional Boards:

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- Existing or Proposed Schools
- Department of Defense or Department of Energy Sites
- Unified Agency Review of Hazardous Materials Release Sites (Chapter 6.65, Health and Safety Code (AB 2061 or Site Designation Process))
- Burn Dumps
- Petroleum Underground and Above Ground Storage Tank Sites
- Expedited Remedial Action Program (SB 923)
- Hazardous Waste Facility Regulation and Permitting Consolidation Program (SB 1082) sites
- Sites listed on the federal National Priorities List (NPL Sites)

In addition, the MOA does not apply to existing sites: Existing sites are those at which DTSC or a Regional Board is currently serving as lead or oversight agency. Existing sites include sites that generally fit into the following categories:

- A site where DTSC or a Regional Board is conducting, or has conducted, oversight of an investigation and cleanup. In cases where DTSC or Regional Boards have historically overseen an investigation and cleanup at the site, the site would be considered an existing site only if a new request for oversight is related to the release or discharge that was the subject of the prior investigation and cleanup activities.
- A site where the source of the release is a facility or an activity that has received a permit or other authorization under any of the following authorities, and/or the release is a result of a violation of such permit or authorization:
 - Toxic Injection Well Control Act of 1985 (Health and Safety code, Division 20, Chapter 6.5, Article 5.5 (commencing with Section 25159.10))
 - Toxic Pits Cleanup Act of 1984 (Health and Safety code, Division 20, Chapter 6.5, Article 9.5 (commencing with Section 25208))
 - Bay Protection and Toxic Cleanup program (Water Code, Division 7, chapter 5.6 (commencing with section 13390))
 - Waste Discharge Requirements (Water Code, Sections 13263 or 13172)
 - Federal Water Pollution Control Act, including National Pollutant Discharge Elimination System Permits (Water Code, Section 13160 or 13377)
 - Hazardous Waste Control Law (Health and Safety code, Division 20, Chapter 6.5 (commencing with Section 25100))
 - Solid Waste Facility Permits (Public Resources Code, Division 30, Part 4 (commencing with Section 43000))

This MOA applies to all requests for regulatory decisions at brownfield sites, including requests for No Further Action as well as review and approval of cleanup plans or remedial action plans.

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Nothing in this MOA is intended to interfere with or prevent oversight agency selection procedures that may be otherwise specified in statute.

II. Principles

DTSC, State Board, and the Regional Boards recognize that coordination, cooperation, communication, mutual trust and confidence between the parties is essential for the successful cleanup of brownfield sites and is in the best interest of the State.

A primary goal of this MOA and the policies of the parties is to avoid duplication of efforts in the cleanup of brownfield sites. The parties agree that public health and the environment will be best served by each party minimizing duplication of effort on the greatest number of brownfield sites possible. The parties recognize that there are certain situations where one or the other will have the necessary technical resources, expertise, or authority to address the circumstances found at specific brownfield sites. This MOA is intended to provide guidance to the parties in how to best address the interests of the other while minimizing the need for direct involvement or duplicative efforts. In addition, the MOA is intended to provide guidance to the parties in identifying situations where mutual involvement may be warranted.

Finally, the parties recognize that consistency and predictability are essential factors in the expeditious cleanup of brownfield sites throughout California. Both the public and those seeking regulatory agency oversight expect state regulators to apply rational methodologies and standards to site cleanup. The terms of this MOA are intended to eliminate or significantly reduce any apparent inconsistencies between the methodologies and standards used by the parties. Consistency will be achieved by agreement on technical and procedural requirements, coordination of oversight activities, coordinated and cooperative communication between project staff, and exchange of cleanup standards and requirements for brownfield site cleanup. The parties agree to involve one another at an early stage in the development of cleanup standards and requirements so that consistency in technical issues can be maintained.

III. Objectives

In light of the above stated principles, this agreement is intended to accomplish the following objectives:

- Limit oversight of brownfield sites to a single oversight agency, except in very limited circumstances.
- Provide procedures for selecting the appropriate oversight agency.
- Provide a uniform site assessment procedure that both agencies are to use to assess environmental and health related issues at brownfield sites.

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- Provide procedures to ensure brownfield site cleanups address the standards and requirements of both parties.
- Facilitate the oversight agency in obtaining the input, advice and expertise of the other party when necessary, or for the oversight to be transferred to the other party if appropriate.
- Ensure ample opportunities for public input and involvement in brownfield cleanups.
- Establish target time frames for achieving investigation and cleanup milestones at brownfield sites.
- Schedule regular meetings to coordinate efforts and improve cooperation and communication between the parties.

IV. Oversight Agency

It is the intention of the parties that whenever possible, only one agency be selected as the oversight agency to oversee the investigation and cleanup of each brownfield site. The identification and selection of a single oversight agency is intended to facilitate expedient and cost effective investigation, cleanup and reuse of brownfield sites while protecting public health and the environment. The oversight agency will be responsible for overseeing and directing all site investigation and cleanup activities in a manner that ensures that the standards and requirements of both parties are fully addressed. The oversight agency also agrees to facilitate the support agency's collection of funds necessary to reimburse its costs incurred as part of a response to a specific request from the oversight agency for assistance or provision of advice or expertise related to a brownfield site.

The parties agree to use the procedure for selecting an oversight agency set forth in this MOA before entering into an agreement, executing an order, or actively requiring any significant work at a brownfield site.

A. Procedure for Selecting an Oversight Agency

Requests to oversee the investigation and/or remediation of potential brownfield sites may be processed by DTSC or a Regional Board. Guidelines for the selection of an oversight agency are identified in Attachment 1. All requests for oversight are to be made on the form identified in Attachment 2, and accompanied by site information described in Attachment 3.

Within 10 working days of the receipt of a request for oversight and accompanying site information, the Brownfields Coordinator of the receiving party agrees to notify the Brownfields Coordinator of the other party in the geographic area where the site is located and transmit a copy of the application and accompanying materials, along with their recommendation regarding the appropriate oversight agency. The recommendation should be in accordance with the selection guidelines in Attachment 1, and should cite the relevant factors that form the basis for

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the recommendation. A list of the Brownfields Coordinators is found in Attachment 4.

Within the first 10 working days of each month, the relevant parties agree to review and confer on all requests for oversight received in the preceding month. In conferring, the relevant parties may discuss each recommendation and either concur with the recommendation, or request additional information.

If a request for oversight is incomplete, or if there is insufficient information to accurately select the appropriate oversight agency, the receiving agency may reject an application, or it may make a provisional recommendation based on the available information.

Upon completion of the selection process, the oversight agency agrees to notify the applicant and any other state or local agency, as appropriate, of its selection.

If a dispute arises regarding the selection of an oversight agency, the parties agree to initiate the Dispute Resolution Process as soon as possible.

B. Oversight Agency Transfer

If the oversight agency determines that the conditions at the site indicate that the site would be more appropriately overseen by the other party, the oversight agency agrees to contact the other party to discuss whether it may be appropriate to transfer oversight responsibility. If the parties mutually determine that a transfer of oversight responsibility is appropriate, the current oversight agency agrees to notify the project applicant of the proposed transfer of oversight responsibilities.

In considering whether or not to transfer oversight responsibilities, the parties should consider whether the transfer would delay the investigation of the brownfield site or delay the implementation of the schedule established in a remediation plan for the brownfield site, and whether those delays would negatively impact the timing of other aspects of the preparation and development of the brownfield site.

Within 10 calendar days after the transfer of oversight responsibility, the oversight agency first selected agrees to transmit copies of all documents and information in its possession regarding the subject property to the new oversight agency.

C. Support Agency

The parties agree to ensure that all standards and requirements (including any other relevant state or local requirement) related to a hazardous

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materials release or discharge at all brownfield sites are addressed by the oversight agency. In recognition of this goal and the principles and objectives of this MOA, the support agency agrees to not pursue independent regulatory action at a brownfield site overseen by an oversight agency selected under the terms of this MOA, unless the oversight agency fails or refuses to ensure the standards and requirements of the support agency are addressed. This agreement in no way limits or abrogates the ability or authority of either party to fulfill their statutory responsibilities.

The parties agree to provide information on any applicable standards and requirements that the oversight agency needs to incorporate in its oversight and cleanup decisions. These standards and requirements may be communicated in the following ways:

- Development and provision of general guidance intended to assist an oversight agency in interpreting and implementing investigation and cleanup standards and requirements.
- Regular meetings between the parties (see Coordination below) where details about brownfield sites are shared and efforts coordinated.
- Response to specific requests from the oversight agency for assistance or provision of advice or expertise.
- Direct communication via telephone, personal contact, memoranda or e-mails

If a support agency is not satisfied that its standards and requirements are being adequately incorporated by the oversight agency into the cleanup activities at a brownfield site, and the support agency has attempted through informal means to communicate its concerns to the oversight agency, the support agency may invoke the Dispute Resolution provisions of this MOA.

V. Public involvement

To accomplish the goal of providing ample opportunities for public input and involvement in brownfield cleanups, the parties agree to ensure that their site investigation and cleanup activities, agreements, policies and protocols provide the public and other state or local governmental entities with opportunities to participate in decisions. At sites where response actions are being pursued, these opportunities include, at a minimum, the following:

- Notification of major regulatory decisions and proposed/planned activities at the site (in languages other than English, if appropriate);
- Public access to proposed site cleanup plans and site assessment documents at the oversight agency's office and at local repositories (such as public libraries in the area);

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- 30 days to comment on proposed site cleanup plans. The oversight agency should consider all comments received prior to taking final action on site cleanup plans;
- A public meeting in the vicinity of the brownfield site during the public comment period if one is requested, if there is significant public interest, or if one is specifically mandated by statute.

Depending on the level of community interest, the oversight agency should also consider the use of fact sheets, direct communication with interested parties and additional public meetings or workshops.

To the extent possible, the agency should coordinate and integrate its public participation activities with those undertaken by the host jurisdiction and any other public entities associated with the development, investigation or cleanup of the property, to avoid duplication to the extent feasible and to acknowledge the public participation capabilities and procedures of local government.

VI. Target Timeframes

To achieve the objective of expedient and cost effective investigation, cleanup and reuse of brownfield sites, the oversight and support agencies agree to timely review draft and final work plans and reports for investigation or cleanup. In general, unless timing is specified or extended time frames are negotiated, the agencies agree to review and comment on documents received within 60 days of receipt. When possible, timeframes for remediation should be incorporated into timeframes for redevelopment.

VII. Coordination

Regular and frequent communication between project staff and management of the parties is essential to implementing the principles embodied in this MOA and sharing expertise and input of the parties. Accordingly, pursuant to this MOA, the parties agree to take the following actions:

- Identify sites of mutual interest and resources of project information (e.g. websites, databases, etc)
- Share organizational charts and contact information for project staff and technical support staff.
- Conduct semi-annual meetings of Brownfield Coordinators.
- Conduct quarterly meetings of appropriate first and second level supervisors, including relevant staff. As determined by the parties, an ad hoc meeting can be held any time it is appropriate to review an issue to support timely cleanups. The primary purpose of these meetings is to ensure coordination for sites where a support agency is providing active oversight. The quarterly meetings should include discussions to:

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- Define roles and responsibilities for project staff;
- Identify project schedules and milestones;
- Track progress and coordinate actions; and,
- Develop a coordinated strategy to identify and resolve problems.

In addition, the quarterly meetings will:

- Provide a forum to discuss sites of mutual interest;
- Provide an opportunity to review and discuss Site Cleanup Plans for sites of mutual interest prior to public review;
- Identify and share existing policy, procedure, and guidance documents;
- Solicit timely input into developing policy and guidance; and
- Develop opportunities for joint training of project and technical staff.

VIII. Dispute resolution

The parties agree that disputes will be resolved using the “Formal Dispute Resolution Procedure” described below. For disputes pertaining to the selection of an oversight agency, the parties agree to implement the “Formal Dispute Resolution Procedure” in an expedited manner.

Prior to invoking the “Formal Dispute Resolution Procedure,” the parties agree to attempt to resolve disputes, if possible, by seeking consensus through informal discussion and negotiation. Such informal discussions will typically include staff and their immediate and second level supervisors, as necessary. If either party determines that it is necessary to elevate an issue, that party should submit notification to the other initiating the formal dispute resolution process described below. The parties may resolve the dispute by mutual agreement and withdraw from the formal dispute resolution process at any time.

Formal Dispute Resolution Procedure

The parties agree that formal disputes will be resolved using the following procedure:

1. Within 30 days (10 days for oversight agency selection), second level supervisors from DTSC and the Regional Board agree to meet to attempt to resolve the dispute.
2. If DTSC and the Regional Board second level supervisors fail to reach agreement on the disputed matter, they agree to prepare a joint memorandum describing the following:
 - a. The nature of the dispute;
 - b. The resolution preferred by each party
 - c. Pros and cons to the preferred resolutions
 - d. Alternative resolutions; and
 - e. A date by which the issue should be resolved.

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The memorandum is to be submitted to the Deputy Director of the Site Mitigation and Brownfields Reuse Program of DTSC and the Executive Officer of the Regional Board within 15 days. A copy of this memorandum should also be sent to the State Board.

3. If the DTSC Deputy Director (or their designee) and the Regional Board Executive Officer (or their designee) cannot resolve the dispute within the time requested in the memorandum, they agree to jointly notify and provide all relevant documentation related to the dispute to the State Board Executive Director and the Director of DTSC. The Executive Director and Director agree to confer and take such action as they deem appropriate.
4. If the Executive Director (or their designee) and the Director (or their designee) fail to reach agreement on the dispute, they agree to submit the dispute to the Secretary of the California Environmental Protection Agency (Cal/EPA), or their designee, for resolution.
5. DTSC and the State Board agree to resolve disputes in a similar manner as that described above.

IX. Review/Revision

The parties will review this MOA and propose revisions as appropriate within one year of its execution. The intent of this provision is to encourage the parties to evaluate the MOA's provisions and attachments and modify them as appropriate in the course of its implementation.

X. Savings Clause

Nothing in this MOA is intended to affect the statutory rights or obligations of DTSC, the State Board or the Regional Boards. Terms used in this MOA are not intended to replace statutory definitions.

XI. Signatories

_____	_____
Department of Toxic Substances Control	Date

_____	_____
State Water Resources Control Board	Date

_____	_____
North Coast Regional Water Quality Control Board	Date

_____	_____
San Francisco Bay Regional Water Quality Control Board	Date

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Central Coast Regional Water Quality Control Board	Date
Los Angeles Regional Water Quality Control Board	Date
Central Valley Regional Water Quality Control Board	Date
Lahontan Regional Water Quality Control Board	Date
Colorado River Basin Regional Water Quality Control Board	Date
Santa Ana Regional Water Quality Control Board	Date
San Diego Regional Water Quality Control Board	Date

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Attachment 1 Oversight Agency Selection Guidelines

The parties agree to select an oversight agency for the cleanup of a brownfield site using the following guidelines. As these guidelines are used and the agencies gather experience in using them under the provisions of the MOA, these guidelines may be revised.

DTSC

The oversight agency should be DTSC if the primary concern is the risk posed to human health.

Regional Board

The oversight agency should be a Regional Board if the primary concern is the threat to existing or potential beneficial uses of waters of the State (groundwater and surface water).

Oversight Agency Selection Factors

The following factors should be considered when selecting an oversight agency for a brownfield site:

1. Is one agency expected to have a greater long-term involvement with the site due to the type of releases present and the media affected?
2. Does one agency have more technical expertise to oversee the case?
 - The risks posed by the discharge, release or threatened release
 - The chemical compound that has been discharged, released or threatened to be released
 - The exposure pathways
 - The level of community interest
 - The probable remedial measures that will be required
3. Does one agency have a more appropriate regulatory mechanism for achieving site cleanup?
4. Does one agency have previous involvement with the site or other sites in the area that might be beneficial to the cleanup?
5. What is the current land use at the site (including the source property and other affected properties)? If it is a sensitive land use – Human health concerns may be greater at these sites – then DTSC may be the more appropriate oversight agency. "Sensitive land use" includes residences, schools, day care facilities, and hospitals and hospices.

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6. Does the site pose a threat to sensitive water resources or habitat?
Examples include sites located in critical groundwater recharge zones and sites that threaten wetlands or other sensitive habitat. In these situations, a Regional Board may be the more appropriate oversight agency.

Additional Considerations

In addition to the above factors, the agencies may also consider the following when selecting an oversight agency:

1. Does the agency have available staff resources to oversee the site activities?
2. Does the applicant or site have an historical relationship with one of the agencies?
3. Has the applicant expressed a preference for one agency?

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For Office Use Only

Form Received by:

- ☐ Regional Board #____
- ☐ DTSC
- ☐ State Board
- ☐ Cal/EPA

Attachment 2

Request for Oversight for a Brownfield Site

The purpose of this form is to provide the Department of Toxic Substances Control and the Regional Water Quality Control Board sufficient information to determine which agency should provide oversight for the assessment or remediation of the project. This form is to be accompanied by site information described in Attachment 3.

Site Name and other names by which the site is known:

Submitted by:

Contact Information

Mailing address:

Phone Number (____) _____ Fax(____) _____

Email _____

Relationship to property: (check one) ____ current owner or operator ____ local agency ____ prospective purchaser ____ developer ____ other (please describe) _____

Site Address:

APN Number: _____ Lat/Long (if known) _____

Summary Information

Evidence that a hazardous material release or discharge occurred:

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Description of known or possible human health impact:

Description of known or possible water quality impact:

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Attachment 3

Site Information Needed for Oversight Agency Selection

Site information is intended to help determine the appropriate lead agency and to focus future investigation and cleanup activities, if needed. The most helpful site information is that which identifies the primary sources of hazardous material releases or discharges as well as exposure pathways of concern in order to determine the predominant risk - whether to public health or to groundwater or both. The site information may include existing information and documents normally used during the property transfer and redevelopment process, such as ASTM Phase 1 and Phase II reports, other “due diligence” reports, and elements of DTSC’s Preliminary Endangerment Assessment. The applicant may submit all or part of these documents in addition to any other relevant environmental information and data with the attached application form.

If the information provided with a Request for Oversight for a Brownfield Site is not sufficient to determine the oversight agency, additional information may be requested.

The following are descriptions of the types of site information that are beneficial in determining the appropriate lead agency:

Regulatory Activity or History: Specific historic or current regulatory status with DTSC and Water Boards including types of regulatory enforcement actions, orders or agreements or other relevant information including whether listed on the following databases: RCRA, U.S. EPA CERCLIS or RCRIS, DTSC HWMP or CalSites, and/or SWRCB Geotracker or LUFT sites. Include any historic and current regulatory status with the appropriate county or city.

Project description: A general description of the nature of the project, including development or redevelopment plans for the site, and the reason for requesting oversight of the assessment or cleanup of the site.

The project description should also indicate if the site or applicant has been the recipient any grants, loans or other incentives, or whether the site is part of any particular pilot project or study, smart growth initiatives, or recipient of LUST funds.

Site History: A history of the site including general dates of current or historic activities, previous owners and operators, types of activities, chemicals used at the site, any permits that may have been issued regarding the activities at the site, and the type of activity that is believed to have resulted in a release or potential release of hazardous materials. The history should identify the following:

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- The type of releases or spills, sources of release and contaminants of concern;
- The primary human or environmental resources of concern; and
- A description of likely exposure pathways.

Site Data: A summary of available site data, including:

- An assessment of the leachable and total concentrations of constituents of concern in soil, soil gas, and groundwater, site hydrogeology including area lithology and associated site boring logs, graphics that plots sample results and other data,
- A comparison of the site data (including background values) with available screening levels (including Cal/EPA's California Human Health Screening Levels (CHHSLs), USEPA Region IX's Preliminary Remediation Goals (PRGs), San Francisco Regional Board's Environmental Screening Levels (ESLs) or other) for soil and groundwater, and identification of any data gaps or additional suspected exposure pathways.
- **Current Activity:** The name of current business and or land use activity at the present location. A description of the current site operations/activities, current owners and operators, types of activity, chemicals being used at the site, any permits that may have been issued regarding the activities at the site, and the activity that is believed to have resulted in a release or potential release of hazardous materials. Provide information on the nature of the current site conditions including sources of contamination that constitutes the primary reasons for assessment or remediation of the site.

Current Zoning/ Land Use: A description of the current zoning or land use designation for the site.

Proposed Future Land Use: A general description of the approved or planned future land use for the site, such as multi-family residential, commercial, mixed land use, wetland restoration, or recreational open space, and whether this future land use is consistent with the existing zoning or land use designation, or whether the proposed future use would require rezoning or change to the site's use designation. Provide any contact names of local public entities, such as a redevelopment agency or local health department, associated with this project.

Also include information about the redevelopment plans for this project and the relationship of this site with other contaminated sites or redevelopment projects in the area.

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Water Use: Information about the manner of water supply at the property and municipal, domestic, agricultural, or industrial wells on the property and within a 1-mile radius of the project area.

Site Maps and Photographs: A site location map (to scale) that identifies the site in relation to surface waters, land use, sensitive populations, schools, critical habitats, highways or other landmarks, and depict sampling locations and other relevant site features.

Assessment of community awareness/concern: Information about any past or ongoing local agency public outreach activities and community interest in the project. For instance, information regarding the community's knowledge of the site, the types of community concerns, media interest or likelihood of interest, and involvement of any community groups.

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Attachment 4 Brownfields Managers and Coordinators

The following individuals are designated for their respective offices. The Brownfields Managers are responsible for the overall implementation of this Brownfields MOA, including the implementation of the oversight agency selection procedures described in the MOA. Brownfields Coordinators are designated as the points of contact for each Brownfields Manager to assist in the specific process of oversight agency selection.

BROWNFIELDS MANAGERS	BROWNFIELDS COORDINATORS
Department of Toxic Substances Control	
Caren Trgovcich, Chief Statewide Cleanup Operations Branch 8800 Cal Center Drive Sacramento, CA 95826-3200 Tel: (916) 255-3724 Fax: (916) 255-3696 Email: ctrgovci@dtsc.ca.gov	<u>Central California</u> 8800 Cal Center Drive Sacramento, CA 95826-3200 Tim Miles Tel: (916) 255-3710 Fax: (916) 255-3696 Email: tmiles@dtsc.ca.gov 1515 Tollhouse Road Clovis, California 93612 Tom Kovac Tel: (209) 297-3939 Fax: (559) 297-3931 Email: tkovac@dtsc.ca.gov
	<u>Southern California</u> 1011 North Grandview Avenue Glendale, CA 91201-2205 Tina Diaz Tel: (818) 551-2862 Fax: (818) 551-2874 Email: tdiaz@dtsc.ca.gov
	<u>North Coast California</u> 700 Heinz Avenue, Suite 200 Berkeley, California 94710-2737 Lynn Nakashima Tel: (510) 540-3839 Fax: (510) 540-3819 Email: lnakashi@dtsc.ca.gov

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Regional Water Quality Control Boards	
Region 1	
North Coast Regional Water Quality Control Board 5550 Skylane Boulevard, Suite A Santa Rosa, California 95403	
Luis Rivera Assistant Executive Officer Tel: (707) 570-3769 Fax: (707) 523-0135 Email: RiveL@rb1.swrcb.ca.gov	Luis Rivera Assistant Executive Officer Tel: (707) 570-3769 Fax: (707) 523-0135 Email: RiveL@rb1.swrcb.ca.gov
Region 2	
San Francisco Bay Regional Water Quality Control Board 1515 Clay St. Suite 1400 Oakland, CA 94612	
Steve Morse Assistant Executive Officer Tel: (510) 622-2393 Fax: (510) 622-2460 Email: sim@rb2.swrcb.ca.gov	Gary Riley Water Resource Control Engineer Tel: (510) 622- Fax: (510) 622-2462 Email: gir@rb2.swrcb.ca.gov
Region 3	
Central Coast Regional Water Quality Control Board 81 Higuera St. Suite 200 San Luis Obispo, CA 93401	
Roger W. Briggs Executive Officer Tel: (805) 549-3140 Fax: (805) 788-3511 Email: rbriggs@rb3.swrcb.ca.gov	Harvey Packard Tel: (805) 549- Fax: (805) Email: hpackard@rb3.swrcb.ca.gov
Region 4	
Los Angeles Regional Water Quality Control Board 320 W. 4 th Street, Suite 200 Los Angeles, CA 90013	
Dave Bacharowski Assistant Executive Officer Tel: (213) 576-6725 Fax: (213) 576-6640 Email: atheath@rb4.swrcb.ca.gov	J.T. Liu Tel: (213) 576-6667 Fax: (213) 576-6640 Email: jliu@rb4.swrcb.ca.gov
Region 5	
Central Valley Regional Water Quality Control Board Sacramento Office 3443 Routier Road, Suite A Sacramento, CA 95827-3003	
Ton Vorster Supervising Water Resource Control	

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<p>Engineer Tel: (916) 255-3038 Fax: (916) 255-3015 Email: vorstea@rb5s.swrcb.ca.gov</p>	<p><u>Sacramento Office</u> Wendy Cohen Tel: (916) 464-4675 Fax: (916) 464-4645 Email: cohenw@rb5s.swrcb.ca.gov</p> <p><u>Redding Office</u> 415 Knollcrest Drive Redding, CA 96002 Karen Clemenson Tel: (530)224-4852 Fax: (530) 224-4857 Email: clemenk@rb5r.swrcb.ca.gov</p> <p><u>Fresno Office</u> 3614 E. Ashlan Ave Fresno, CA 93726 Russell Walls Tel: (559) 488-4392 Fax: (559) 445-5910 Email: wallsr@rb5f.swrcb.ca.gov</p>
<p>Region 6 Lahontan Regional Water Quality Control Board 2501 Lake Tahoe Boulevard South Lake Tahoe, CA 96150</p>	
<p>Robert S. Dodds Assistant Executive Officer Tel: (530) 542-5410 Fax: (530) 544-2271 Email: RDodds@rb6s.swrcb.ca.gov</p>	<p>Chuck Curtis Tel: (530) 542-5460 Fax: (530) 544-2271 Email: CCurtis@rb6s.swrcb.ca.gov</p>
<p>Region 7 Colorado River Basin Regional Water Quality Control Board 73-720 Fred Waring Drive, Suite 100 Palm Desert, CA 92260</p>	
<p>Robert Perdue Assistant Executive Officer Tel: (760) 346-7491 Fax: (760) 341-6820 Email: perdr@rb7.swrcb.ca.gov</p>	<p>Adnan Al-Sarabi Tel: (760) 776-8943 Fax: (760) 341-6820 Email: alsaa@rb7.swrcb.ca.gov</p>

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Region 8 Santa Ana Regional Water Quality Control Board 3737 Main St., Suite 500 Riverside, CA 92501	
Kurt Berchtold Assistant Executive Officer Tel: (909) 782-3286 Fax: (909) 781-6288 Email: kberchto@rb8.swrcb.ca.gov	Robert Holub Tel: (909) Fax: (909) 781-6288 Email: rholub@rb8.swrcb.ca.gov
Region 9 San Diego Regional Water Quality Control Board 9174 Sky Park Court, Suite 100 San Diego, Ca 92123	
Art Coe Assistant Executive Officer Tel: (858) 467-2986 Fax: (858) 571-6972 Email: coea@rb9.swrcb.ca.gov	John Anderson Senior Engineering Geologist Tel: (858) 467- 2975 Fax: (858) 571-6972 Email: andej@rb9.swrcb.ca.gov